





PTO/SB/17 (6-95)(modified)  
Approved for use through 11/30/96, OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

0002/PTO(modified)  
Rev. 10/95

U.S. Department of Commerce  
Patent and Trademark Office

## FEE TRANSMITTAL

### TOTAL AMOUNT OF PAYMENT

Subtotal (1) + Subtotal (2) + Subtotal (3) =

**(\$190.00)**

### Complete if Known

Application Number	09/083,769
Filing Date	May 22, 1998
First Named Inventor	Gerard McGoogan
Group Art Unit	2836
Examiner Name	Sally Medley
Attorney Docket Number	3454

### METHOD OF PAYMENT

#### 1. The Commissioner is hereby authorized to:

- ☐ Charge the indicated fees to the below mentioned deposit account.
- ☒ Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account.<sup>†</sup>
- ☐ Charge the Issue Fee set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b) to the below mentioned deposit account.

Deposit Account Number: 19-2555

Deposit Account Name: FENWICK & WEST LLP

A Duplicate Copy of this authorization is attached

#### 2. ☒ Payment Enclosed:

☒ Check ☐ Other

### FEE CALCULATION (fees effective 11/12/98)

#### 1. FILING FEE

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
101/\$760	201/\$380	Utility Filing	<input type="text"/>
106/\$310	206/\$155	Design Filing	<input type="text"/>
108/\$760	208/\$380	Reissue Filing	<input type="text"/>
114/\$150	214/\$75	Provisional Filing	<input type="text"/>
SUBTOTAL (1)			<b>(\$0)</b>

#### 2. CLAIMS

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description
103/\$18	203/\$9	Claims in excess of 20
102/\$78	202/\$39	Independent claims in excess of 3
104/\$260	204/\$130	Multiple dependent claim
109/\$78	209/\$39	Reissue independent claims over original patent
110/\$18	210/\$9	Reissue claims in excess of 20 and over original patent

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
105/\$130	205/\$65	Surcharge - late filing fee or oath	<input type="text"/>
127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet	<input type="text"/>
147/\$2,520	147/\$2,520	For filing a request for reexamination	<input type="text"/>
115/\$110	215/\$55	Extension for response within first month <sup>†</sup>	<input type="text"/>
116/\$380	216/\$190	Extension for response within second month <sup>†</sup>	<b>190.</b>
117/\$870	217/\$435	Extension for response within third month <sup>†</sup>	<input type="text"/>
118/\$1,360	218/\$680	Extension for response within fourth month <sup>†</sup>	<input type="text"/>
128/\$1,850	228/\$925	Extension for response within fifth month <sup>†</sup>	<input type="text"/>
119/\$300	219/\$150	Notice of Appeal	<input type="text"/>
141/\$1,210	241/\$605	Petition to revive unintentionally abandoned application	<input type="text"/>
142/\$1,210	242/\$605	Utility Issue Fee (Or Reissue)	<input type="text"/>
143/\$430	243/\$215	Design Issue Fee	<input type="text"/>
122/\$130	122/\$130	Petitions to the Commissioner	<input type="text"/>
123/\$50	123/\$50	Petitions related to provisional applications	<input type="text"/>
126/\$240	126/\$240	Submission of Information Disclosure Statement	<input type="text"/>
581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	<input type="text"/>
146/\$760	246/\$380	Filing a submission after final rejection (37 CFR 1.129(a))	<input type="text"/>
149/\$760	249/\$380	For each additional invention to be examined (37 CFR 1.129(b))	<input type="text"/>

Other fee (specify):

Other fee (specify):

**SUBTOTAL (3) (\$190.00)**

(Col. 1)		(Col. 2)		(Col. 3)		Fee	Fee Due
For	No. of Existing Claims		Highest No. Previously Paid For	Extra**			
TOTAL	20	minus*	20 or 21	=		x	= 0
INDEP	5	minus*	3 or 5	=		x	= 0
[ ] First presentation of multiple dependent claim							= 0

\* Subtract the greater number of Col. 2

\*\* If the difference between Col. 1 and Col. 2 is less than zero, then enter "0" in Col. 3

**SUBTOTAL (2) (\$0)**

### SUBMITTED BY

Typed or Printed Name **Greg J. Sueoka**

Signature

### Complete (if applicable)

Reg. Number **33,800**

Date

**June 4, 1999**

<sup>†</sup> Request for Extension of Time per 37 CFR 1.136 (a)(3) made hereby



IN THE UNITED STATES

PATENT AND TRADEMARK OFFICE

APPLICANT: Gerard McGoogan  
SERIAL NO.: 09/083,769  
FILING DATE: May 22, 1998  
TITLE: Improvements In Intrinsically Safe Circuits  
EXAMINER: Sally Medley  
GROUP ART UNIT: 2836  
ATTY. DKT. NO.: 3454

Amend  
5/A

6-11-99

T. Flower

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner For Patents, Washington, DC 20231, on the date printed below:

Dated: 6/4/99

By:

Greg T. Sueoka, Reg. No.: 33,800

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

AMENDMENT A

RECEIVED

JUN 10 1999

TECHNOLOGY CENTER 2800

Sir:

Responsive to the official action mailed January 4, 1999, please amend the above-referenced application as set forth below.

IN THE ABSTRACT:

Please replace lines 4-23 of the abstract with the following:

A

06/09/1999 RTTECITE 0000055 0903769  
01 FC216  
190.00 00